IS394 Project Description

The project details:

1) ***Choose one*** of the ideas mentioned at the end of this file.
2) ***Identify the Scope of the System:*** you have to define the Scope, Definitions, Acronyms and Abbreviations used in your system which is supposed to be designed in future.
3) ***Identify the Stakeholders of the System:*** You have to define ***four*** stakeholders of the system who have interest in the system directly or indirectly.
4) ***Write all Possible Requirements for Three Stakeholders:*** After identifying the stakeholders; you are supposed to pick ***Three*** different stakeholders listed above and write all possible requirements for each one of them.
5) ***Write your system requirement:*** After identifying the stakeholder requirements, you are supposed to derive all possible system requirements for each stakeholder requirements identified above.
6) ***Classify the requirements*** to Functional requirements and Non-Functional requirements(*you must have **at least totally 30** requirements).*
7) ***Use at least 3 Elicitation*** techniques and provide ***all relevant diagrams*** (use-cases/DFD, class diagram)
8) ***Write a report****:* that describes the material concerning above 7 points, read and follow **IEEE Standard: ISO/IEC/IEEE 29148:2011** carefully, especially **Section 7, Section 8, and Section 9.** The document is available in Blackboard.
9) Refer to requirements the sections and subsections of the **IEEE Standard: ISO/IEC/IEEE 29148:2011** :
   - Section 9.2 General Content
   - Section 9.3 Stakeholder requirements specification (StRS)
   - Section 9.4 System requirements specification (SyRS) document

10) In the cover page of the report you must write the name of the system and team members' name.

11) **The submitted document must be an original work of the students. Any instance of plagiarism will be heavily penalized.**

Grades Distribution:

- ***15 Marks*** for the report which are mentioned above; and ***5 Marks*** for presenting your work within 10-15 minutes max.

Systems Choices:

1- **Apple Retail System**

As we now we does not have Apple stores in our country, and the price is different between the sellers. The system helps to distribute the Apple products from the mother company in America to its retailers in Saudi Arabia. The retailer contact with the mother company through the system to get the license to sell its products. The system enables the users to display authorized retailers that have all Apple product with same price as the mother company.

2- **School Students Monitoring System**

As we now we does not have system that keep the contact between the parents and their kid's school. These systems help the parents to have daily monitoring on their kids: homework, any notice, the school trips, viewing grades and apply for flight reduction request…etc.

3- **Clinic Management System**

It is a computer software product that coordinates and integrates all the inherent activities involved in the management and running of a healthcare facility. The system is created to computerize manual operations in clinics. The primary purpose is to digitize patient records so as to make data retrieval easy and efficient. Being in the digital form, patient data can be conveniently shared and accessed by multiple simultaneous users at different locations, resulting in smoother clinical operations and collaboration among clinicians.

4- **Information System for an Online E-Shop**

The company is planning to extend its business in the cities nearby. The first step of this process is to create a database information management system that would enable the managers to better manage the inventories, keep details about sales transactions, keep information about the customers…etc. for that processes we need to create a web application that provide to the customers details about the products and services offered and enable customers to purchase products online.

5- **Committee Management System**

Committee Management System aims to supporting the companies for effective Management. As we know the daily work typically involves the distribution of tasks among several committees, each with its own responsibilities and outcomes. Therefore, we need to develop an automated information system to managing and keep track of the committees' tasks, activities, meetings, and performance.